homogenizing said waste material together with said pretreatment additive in [a] said homogenizer;

dropping said waste material into a mixer after homogenizing, said mixer located below said homogenizer;

mixing said waste material with an additive in said mixer to form a mixture; and

dropping said mixture from said mixer to a processing terminus located below said mixer.

Please amend Claim 3 as follows:

3. (Amended) The method of claim 1 further comprising before the step of receiving said waste material in said homogenizer:

receiving said waste material in a vibrating screen box having a slightly sloped mesh bottom and having openings of a desired size;

vibrating said vibrating screen box to separate lumps of said waste material that are larger than a predetermined size thereby removing lumps of said waste material of a size greater than [a] said predetermined size from said waste material before said homogenizing; and

discharging said waste material of a size less than said predetermined size into said homogenizer.

Please amend Claim 9 as follows:

9. (Amended) The method of claim 1 [8] wherein said waste material is loaded into said homogenizer with an excavator.

Please amend Claim 10 as follows:

10. (Amended) The method of claim 1 [8] wherein said waste material is loaded into said homogenizer with a conveyor.

Please amend Claim 11 as follows:

11. (Amended) The method of claim 1 [8] wherein said waste material is loaded into said homogenizer with a bulldozer.

Please amend Claim 13 as follows:

13. (Amended) A method for processing waste material comprising the steps of:

receiving said waste material in a vibrating screen box;

vibrating said vibrating screen box to separate lumps of said waste material that are larger than a predetermined size thereby removing lumps of said waste material of a size greater than said predetermined size from said waste material;

discharging said waste material of a size less than said predetermined size into a homogenizer;

receiving [loading] said waste material into [a] said homogenizer;

homogenizing said waste material in said homogenizer;

dropping said waste material into a mixer after homogenizing, said mixer located below said homogenizer;

accumulating a batch of waste material in said mixer;

weighing said batch of waste material to determine an amount of additive to be added to said waste material;

mixing said waste material with said additive in said mixer to form a mixture; and

dropping said mixture from said mixer to a processing terminus located below said mixer.

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Please amend Claim 16 as follows:

16. (Amended) The method of claim 13 further comprising after the step of receiving said waste material into said homogenizer:

adding a pretreatment additive to said waste material in said homogenizer; and

mixing said waste material together with said [a] pretreatment additive in said homogenizer.

Please amend Claim 18 as follows:

18. (Amended) An apparatus for processing waste material comprising:

a vibrating screen box having a slightly sloped mesh screen and having openings of a desired size;

a homogenizer located below said vibrating screen box to receive waste material of a size less than a predetermined size from said vibrating screen box by gravity feed;

a mixer located below said homogenizer to receive waste material from said homogenizer by gravity feed; and

a processing terminus located below said mixer to receive said waste material by gravity feed.

Please amend Claim 22 as follows:

22. (Amended) The apparatus of claim 18 further comprising [an] a pretreatment additive receptacle disposed generally above said homogenizer; and

means for transferring pretreatment additive from said pretreatment additive receptacle to said homogenizer.

Please amend Claim 26 as follows:

26. (Amended) The apparatus of claim 18 further comprising:

a primary [an] additive receptacle; and

means for transferring additive from said primary additive receptacle to said mixer.

Please amend Claim 27 as follows:

27. (Amended) The apparatus of claim 18 further comprising a loading conveyor having a discharge end disposed so as to deliver said waste material to said [homogenizer] vibrating screen box.

Please amend Claim 29 as follows:

29. (Amended) An apparatus for processing waste material comprising:

a homogenizer;

a mixer located below said homogenizer to receive waste material from said homogenizer by gravity feed;

a processing terminus located below said mixer to receive said waste material by gravity feed, said processing terminus configured to permit entry of a vehicle below said mixer to receive and transport said waste material from said apparatus;

a pretreatment [first] additive receptacle disposed generally above said homogenizer; and

means for transferring pretreatment additive from said pretreatment [first] additive receptacle to said [mixer] homogenizer.

Please amend Claim 31 as follows:

31. (Amended) The apparatus of claim 29 further comprising:

a primary [second] additive receptacle disposed generally above said mixer; and

means for transferring additive from said primary [second] additive receptacle to said mixer [homogenizer].

Please amend Claim 34 as follows:

34. (Amended) A method for processing acidic waste material of the kind that is characterized by having large lumps comprising the steps of:

loading said waste material in a vibrating screen box having a slightly sloped mesh screen and having openings of a desired size;

vibrating said vibrating screen box to separate lumps of said waste material that are larger than a predetermined size thereby removing lumps of said waste material of a size greater than said predetermined size from said waste material;

discharging said waste material of a size less than said predetermined size into a homogenizer;

receiving [loading] said waste material into [an] said homogenizer [using a conveyor, a bulldozer, or an excavator,];

adding a basic pretreatment additive to said waste material in said homogenizer;

mixing said waste material together with said basic pretreatment additive in said homogenizer;

homogenizing said waste material using counter-rotating augers[,] in said homogenizer;

dropping said waste material by gravity from said homogenizer into a mixer located below said homogenizer, after said waste material has been homogenized[,];

accumulating a batch of said waste material in said mixer[,];

weighing said batch of waste material to determine an amount of basic additive to be added to said waste material[,] in said mixer;

adding said amount of basic additive to said waste material in said mixer after said batch has been accumulated[,];

mixing said waste material with said additive in said mixer using counter-rotating augers to form a mixture[,]; and

dropping said mixture from said mixer into a truck located below said mixer.

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